(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 16 June 2005 (16.06.2005)

PCT

(10) International Publication Number WO 2005/054622 A1

(51) International Patent Classification⁷: 17/02, 7/20, 19/18

E21B 17/08,

(21) International Application Number:

PCT/CA2004/002066

- (22) International Filing Date: 2 December 2004 (02.12.2004)
- (25) Filing Language:

English

(26) Publication Language:

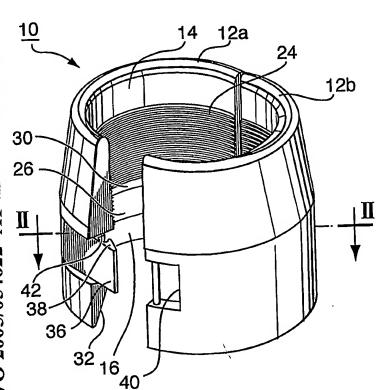
English

- (30) Priority Data: 06 June (30) 8 December 2003 (08.12.2003)
- (71) Applicant (for all designated States except US): TESCO CORPORATION [CA/CA]; 6204 - 6A Street SE, Calgary, Alberta T2H 2B7 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ANGMAN, Per, G. [CA/CA]; 6204 6A Street SE, Calgary, Alberta T2H 2B7 (CA). LIS, Gustavo, Adrian [CA/CA]; 6204 6A Street SE, Calgary, Alberta T2H 2B7 (CA).

- (74) Agent: BENNETT JONES LLP; Attention: Roseann Caldwell, 4500 Bankers Hall Last, 855 2nd Street SW, Calgary, Alberta '12P 4K7 (CA).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GII, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: TUBULAR STABBING PROTECTOR AND METHOD



(57) Abstract: A tubular stabbing protector includes: a plurality of body sections together forming a first opening and a second opening, the first opening sized to be secured over a pin end of an oilfield tubular and the second opening sized to fit over a connection to which the pin end of the tubular is to be engaged and opening away from the first opening; and a releasable lock between each adjacent body section of the plurality of body sections, the releasable lock being automatically releasable when the second opening is fit over the connection to permit the plurality of body sections to separate sufficiently to release the pin

WO 2005/054622 A1



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No. CK.04.2066

A. CLASSIFICATION OF SUBJECT MATTER IPC7: E21B-17/08, E21B-17/02, E21B-7/20, E21B-19/18

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: E21B 17/08, 17/02, 7/20, 19/16, 19/18; B25B; F16L 57/00, 55/00

USPC: 277/16, 29/272, 29/271, 29/282,

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms .Delphion, USPTO, CPD, Esp@cenet (Keywords: stab*, protect*, guide, align, pipe)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No(s).
. A	US 4 599 778 (DREYFUSS W. et al.) 15 July 1986 (15-07-1986) *see column 2, lines 23 to 49, figure 1*	1 - 39
A	US 4 072 369 (SEGRETO S.J.) 7 February 1978 (07-02-1978) *abstract, figures*	1 - 39
A	US 4 213 237 (WHITING W.) 22 July 1980 (22-07-1980) *column 1, times 21 to 68; figures*	1 - 39
A	US 3 576 062 (MATHERNE L. J.) 27 April 1971 (27-04-1971) *column 1, line 64 to column 2, lines 68, figures*	1 - 39
 E A	US 3 475 038 (MATHERNE L.) 28 October 1969 (28-10-1969)	1 - 39

[] Further documents are listed in the continuation of Box

[X] See patent family annex.

	Special categories of cited documents:
"A" dog	ment defining the general state of the art which is not considered
"E"	earlier application or patent but published on or after the international
_	filing date
"T." dom	ment which may throw doubt on priority claim(s) or which is
	cited to establish the publication date of another citation or outer
	annotal rescon (se specified)
"O" doc	ument referring to an oral disclosure, use, exhibition or other
	The same
"P"	document published prior to the international filing date but later than

Ister document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the at "&" document member of the same patent family

the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 14 April 2005 (14-04-2005) 9 March 2005 (09-03-2005) Authorized officer Name and mailing address of the ISA/CA Canadian Intellectual Property Office John Hurkmans (819) 956-9975 Place du Portage I, C114 - 1st Floor, Box PCT 50 Victoria Street

Facsimile No: 001(819)953-2476 Form PCT/ISA/210 (second sheet) (January 2004)

Gattneau, Quebec KIA 0C9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No. PCT/CA2004/002066

atent Document	Publication Date	Patent Family Member(s)	Publication Date
Cited in Search Report	Date	,11101111011(0)	
US4599778	15-07-1986	CA1266963 A1.	27-03-1990
		DE3315752 A1	08-11-1984
	•	DE3331867 A1	21-03-1985
		EP0124117 A2	07-11-1984
		JP1746671C C	25-03-1993
US4072369	07-02-1978	NONE · ·	
US4213237	22-07-1980	NONE ,	
		i	
US3576062	27-04-1971	NONE	
iUS3475038	28-10-1969	DE1815624 B1	18-06-1970
		FR1595030 A	08-06-1970
		GB1217010 A	23-12-1970
•		•	